DB6 Specifications

System Unit

Item	Description	Remarks
Processor System	• Intel® Atom™ Processor Z530 1.6GHz • 512 KB L2 Cache • DDR2 2GB at 533 MHz	• Menlow Platform • FSB: 533 MHz • On-board
Chipset	• Intel® SCH US15W	
Graphic	• Intel® GMA500 Video Controller	
Display	• 5” 800 x 480 TFT LCD • LED Backlight • Min. 240 ~ Typ. 300 nits	• Sunlight-readable • Optical-bonding Rugged Touch Screen • Anti-Glare, Anti-Reflective Treatments
Storage	• 16GB 1.8” PATA ZIF SLC SSD	• Optional 32GB SSD • Height: 5mm
Audio	• HD Audio Codec • 0.5W Mono Speaker	
Security	• Fingerprint Reader (Optional)	
I/O Port	• USB 2.0 Port (Host) x 1 • SD (SDHC) Card Slot x 1 • SIM Card Slot x 1 • Cradle POGO Connector x 1 • Optional Sealed Audio • Optional Sealed RS-232 Port • Optional Sealed USB Port • Optional Sealed Gigabit LAN • Optional Expansion POGO Connector	• Cradle POGO Connector Signals: USB (Client) x 1, USB 2.0 (Host) x 1, RGB x1, DC-in, V5S • Optional Expansion POGO Connector Signals: COM 1 (RS232), USB 2.0 (Host) x 1, DC- in, RGB x 1 (trade-off with Cradle RGB), Gigabit LAN
Keypad	• **1st Layer:** Text Input, AP Settings, Volume Up, Volume Down, Mouse’s Left Button, Invisible Mode On/Off, Camera, Mouse’s Right Button, Screen Rotation, Login, Function Key • **2nd Layer:** LCD Brightness Up, LCD Brightness Down, Keypad Backlight On/Off, Input Lock	• Input Lock: Touch Screen, Stickpointer, Keypad • Invisible Mode: Control LCD Backlight, LED Indicators, and Keypad Backlight ON/OFF.
Communication	• Built-in Bluetooth v2.1 + EDR (Class 2) • Optional Bluetooth SMA Antenna • Optional WLAN on Mini PCIe slot (802.11 a/b/g/n) • Optional WLAN SMA Antenna • Optional WWAN Mobile Broadband • Optional WWAN SMA Antenna • Optional GPS with Internal Antenna • Optional GPS SMA Antenna • Optional Sealed Gigabit LAN	• Built-in Bluetooth: CSR BC4 • Optional WLAN: Intel Link WiFi 5100 • Optional WWAN: Cinterion HC25 • Optional GPS: Ublox LEA-5H

Item	Description	Remarks
LED Indicator	• Power Indicator: Green/Red • Charger Indicator: Orange • HDD Indicator: Green/Red • Wireless Devices Indicator: Blue	• Power Indicator flashes red under Standby (S3) Mode. • HDD Indicator is red when input devices are locked. (Input Lock: Touch Screen, Stick-pointer, Keypad) • Power Indicator flashes red and lights consistent green when the battery power lowers than 15% under Standby (S3) mode.
Power Supply	**Battery:** • 7.4V/3900mAh Lithium-ion Battery Pack • 6-hour Battery Life • Primary battery is warm-swappable under standby mode in 30 seconds. **AC Adapter:** • AC Input: 100V-240V, 50/60Hz • DC Output: 12V, 3.0A • Max. Power: 36W	Battery Weight & Dimensions: • Approximately 185g • 116.85(L) x 77.8(W) x 12.5(H) mm Optional Double Capacity Battery
Dimensions & Weight	• 200(L) x 94(W) x 36(H) mm • 690 g (with all wireless devices & battery)	
Integrated Optional Devices	• WLAN a/b/g/n • WWAN mobile broadband • GPS with internal antenna • AF 2.0MP Web Camera with dual LED flashlight	
Case	• Magnesium Alloy	• I Model: Black • M Model: NATO Green
Certifications	• CE • FCC • MIL-STD-461F • MIL-STD-810G • IP55/ IP65 • WEEE • REACH	DB6I: I • Standard: IP55 • Optional: MIL-STD-461F DB6M: • Standard: IP65, MIL-STD-461F

Cradle (Optional)

Item	Description	Remarks
I/O Port	• Serial Port DB9 x1 (COM1/RS232: USB to COM) • Mega LAN RJ45 x1 • USB 2.0 Port x 3 • USB Client Port x 1 • RGB DB15 Port x 1	• USB Client supports only under WinXP
Power	• DC Input Range: 12~32V	
Certification	• CE/FCC	
Dimensions & Weight	• 200(L) x 110(W) x 135.2(H) mm • Approximately 485 g	

Note: *For indoor use only*